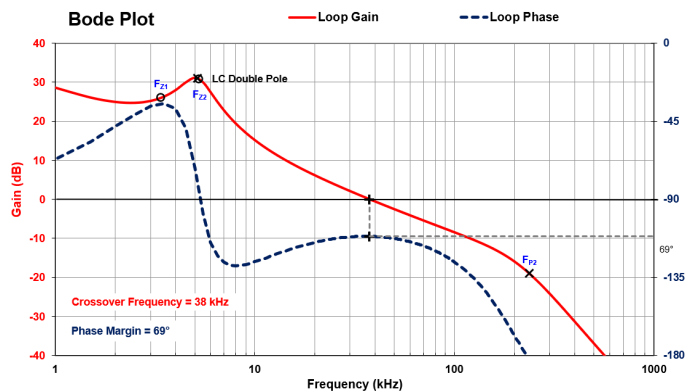
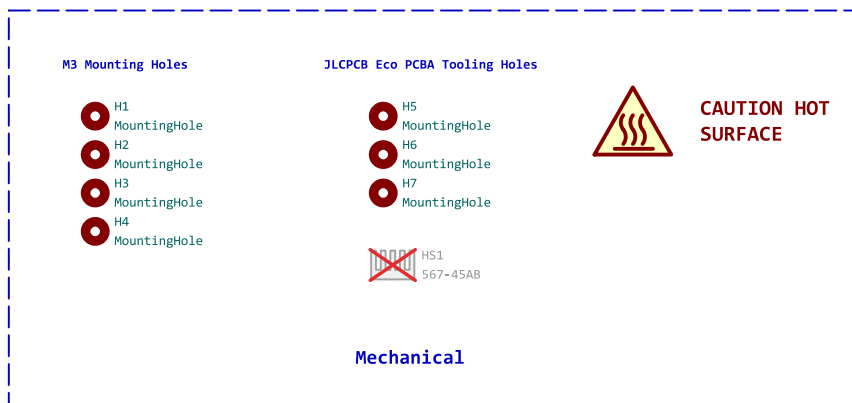
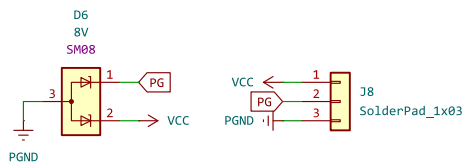
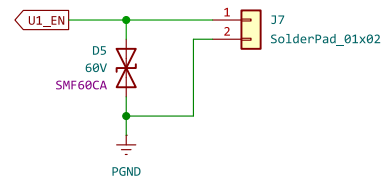
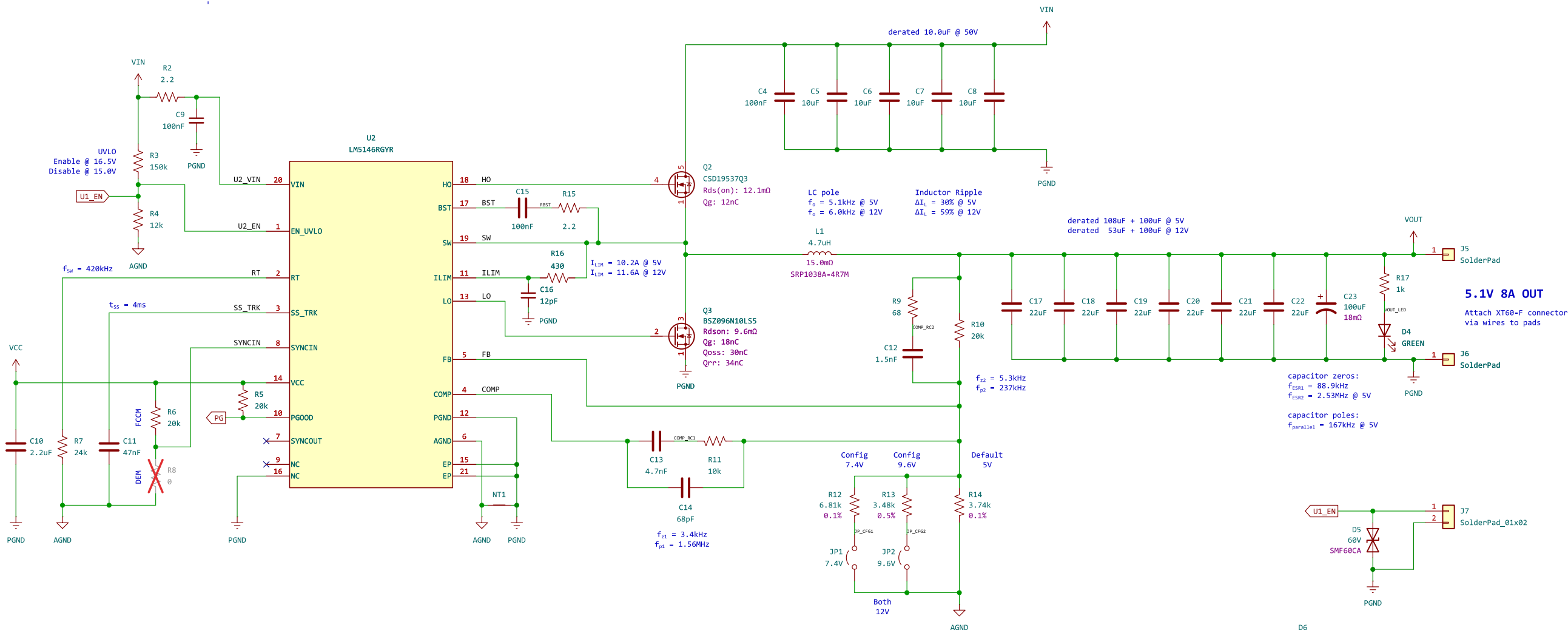
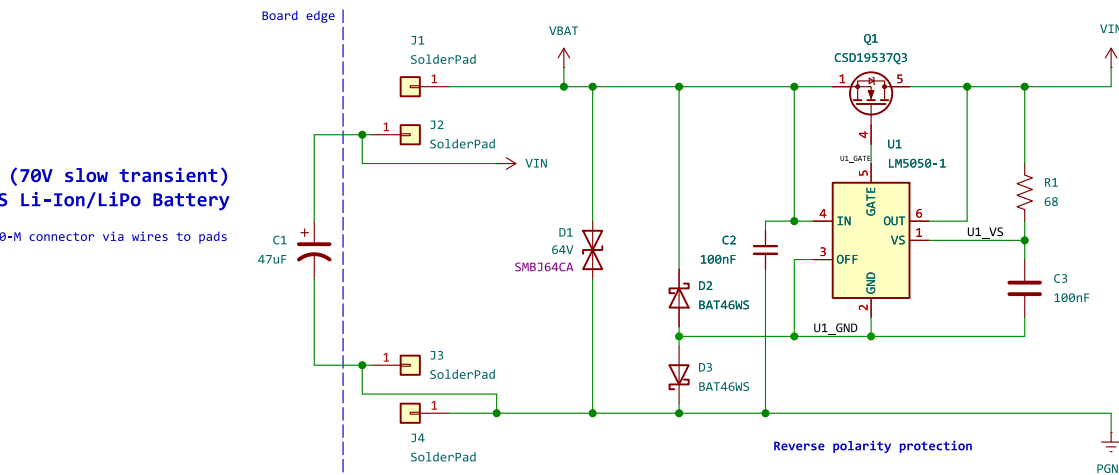


$V_{IN} = 20\sim60V$ (70V slow transient)
typ. 6~12S Li-Ion/LiPo Battery

Attach XT60-M connector via wires to pads



PWR_FLAG → VIN
PWR_FLAG → VBAT
PWR_FLAG → VCC
PWR_FLAG → VOUT
PWR_FLAG → U2_VIN
PWR_FLAG → PGND
PWR_FLAG → AGND
PWR_FLAG → U1_GND

A 12S battery eliminator circuit (BEC) for UAS applications.
Julian Joaquin

Sheet: /
File: SSDV3.kicad_sch

Title: Super Step Down V3

Size: A3
Date: 2025-11-03
KiCad E.D.A. 9.0.4

Rev: D
Id: 1/1